

WHAT IS CLAIMED IS:

1. A voice coil for a loudspeaker, comprising:

5 a conductor wire including an alloy of aluminum, magnesium and silicon for flatting with a purity of aluminum greater than or equal to 90%, and copper cladding therearound with an areal ratio of 25-40%.

2. A loudspeaker device, comprising:

10 a voice coil formed of a conductor wire including an alloy of aluminum, magnesium and silicon for flatting with a purity of aluminum greater than or equal to 90%, and copper cladding therearound with an areal ratio of 25-40%.